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(71) Applicant (for all designated States except US): CAM-  
BRIDGE BIOTECHNOLOGY LIMITED [GB/GB];  
P.O. Box 230, Cambridge CB2 1XJ (GB).

(72) Inventor; and

(75) Inventor/Applicant (for US only): OUZMAN, Jacque-  
line, Valerie, Anne [GB/GB]; Cambridge Biotechnology  
Limited, P.O. Box 230, Cambridge CB2 1XJ (GB).

(74) Agent: THORNTON, Neil; Reddie & Grose, 16  
Theobalds Road, London WC1X 8PL (GB).

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(54) Title: SYNTHESIS OF SPONGOSINE

(57) Abstract: Reaction of 1-O-acetyl-2,3,5-tri-O-benzoyl- $\beta$ -D-ribofuranose with 2-methoxyadenine to form 9-(2',3',5'-tri-O-benzoyl- $\beta$ -D-ribofuranosyl)-2-methoxyadenine, then deprotection of the 9-(2',3',5'-tri-O-benzoyl- $\beta$ -D-ribofuranosyl)-2-methoxyadenine to form spongosine is described. Synthesis of intermediates for use in the synthesis of spongosine is also described.



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